

ABSTRACT OF THE DISCLOSURE

A heater unit having a main body constructed in the form of a housing and covers the entire flow path forming sections of the valve and joints, and a heater built in the main body is mounted on the valve. The heater includes a direct heating section and a radiant heating section. The direct heating section heats at least a part of the flow path forming sections of the valve through direct contact heating. The radiant heating section heats the inside of the main body of the heater unit by radiant heat.